

Astronomy & Astrophysics LATEX template Subtitle

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ABSTRACT

Context. Optional, leave empty if necessary. The heading Context is used when needed to give background information on the research conducted in the paper

Aims. Mandatory. The objectives of the paper are defined here.

Methods. Mandatory. The methods of the investigation are outlined here

Results. Mandatory. The results are summarized here.

Conclusions. Optional, leave empty if necessary. Conclusions can be used to explicit the general conclusions that can be drawn from the paper.

Key words. giant planet formation – κ -mechanism – stability of gas spheres

1. Introduction

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2. Test showyourwork

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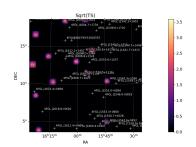


Fig. 1: Plot showing the significance from the TS map of the baseline model.

We downloaded data from the coordinates 238.929 11.1901.

3. Citations and maths examples

In this section the one-zone model of Baker (1966), originally used to study the Cepheïd pulsation mechanism, will be briefly reviewed, see Fig. 3, Table 4 and Eq. (3). For the one-zone-model Baker obtains necessary conditions for dynamical, secular and vibrational (or pulsational) stability (Eqs. (34a, b, c) in Baker 1966).

$$\tau_{\rm co} = \frac{E_{\rm th}}{L_{r0}} \,, \tag{1}$$

and the local free-fall time

$$\tau_{\rm ff} = \sqrt{\frac{3\pi}{32G}} \frac{4\pi r_0^3}{3M_{\rm r}},\tag{2}$$

Baker's K and σ_0 have the following form:

$$\sigma_0 = \frac{\pi}{\sqrt{8}} \frac{1}{\tau_{\rm ff}} \tag{3}$$

$$K = \frac{\sqrt{32}}{\pi} \frac{1}{\delta} \frac{\tau_{\rm ff}}{\tau_{\rm co}}; \tag{4}$$

where $E_{\rm th} \approx m(P_0/\rho_0)$ has been used and

$$\delta = -\left(\frac{\partial \ln \rho}{\partial \ln T}\right)_{P}$$

$$e = mc^{2}$$
(5)

is a thermodynamical quantity which is of order 1 and equal to 1 for nonreacting mixtures of classical perfect gases. The physical

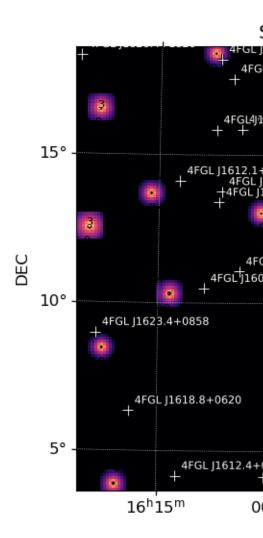
meaning of σ_0 and K is clearly visible in the equations above. σ_0 represents a frequency of the order one per free-fall time. K is proportional to the ratio of the free-fall time and the cooling time. Substituting into Baker's criteria, using thermodynamic identities and definitions of thermodynamic quantities,

$$\Gamma_1 = \left(\frac{\partial \ln P}{\partial \ln \rho}\right)_S \ , \ \chi_\rho = \left(\frac{\partial \ln P}{\partial \ln \rho}\right)_T \ , \ \kappa_P = \left(\frac{\partial \ln \kappa}{\partial \ln P}\right)_T$$

$$\nabla_{\rm ad} = \left(\frac{\partial \ln T}{\partial \ln P}\right)_{S} \; , \; \chi_{T} = \left(\frac{\partial \ln P}{\partial \ln T}\right)_{\rho} \; , \; \kappa_{T} = \left(\frac{\partial \ln \kappa}{\partial \ln T}\right)_{T}$$

4. Figures examples

40 Examples of figures using graphicx. The guide "Using Imported Graphics in LaTeX2e" by Keith Reckdahl is available on a lot of LaTeXpublic servers or CTAN mirrors.







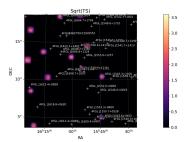


Fig. 3: Figure as large as the column width



Fig. 4: Rotated figure



Fig. 5. Figure with caption on the right side

Fig. 6: Figure with a new BoundingBox



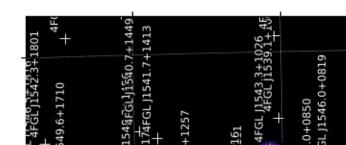




Fig. 8: Continued figure numbering



Fig. 8: continued.



Fig. 8: continued.

5. Tables examples

The jump in table numbering below is caused by the command \longtable*. This command only works in the onecolumn environment. For this reason, we recommend either:

- placing your long tables in onecolumn appendices (cf. C.1 and E.1),
- or using the longtab environment as illustrated by tables 2 and 3. Note that the longtab environment will preserve the table numbering and automatically places long tables after the appendices. They will be moved inside the appendices by the Publisher, if necessary.

Table 1: Simple A&A Table

| HJD | Е | Method#2 | Method#3 | | | | | | |
|-----|----|----------|----------|--|--|--|--|--|--|
| 1 | 50 | -837 | 970 | | | | | | |
| 2 | 47 | 877 | 230 | | | | | | |

Table 4: Table with notes

| Star | Spectral type | RA(J2000) |
|--------------|---------------|--------------|
| 69 | B1 V | 09 15 54.046 |
| LS 1267 (86) | O8 V | 09 15 52.787 |
| 24.6 | 7.58 | 1.37 |
| MO 2-119 | B0.5 V | 09 15 33.7 |
| LS 1269 | O8.5 V | 09 15 56.60 |

Notes. The top panel shows likely members of Pismis 11. The bottom panel displays stars outside the clusters.

Table 5: Table with multiple notes

| Star | Spectral type | RA(J2000) |
|--------------|---------------|--------------------|
| 69 | B1 V | 09 15 54.046 |
| LS 1267 (86) | O8 V | 11.07^{a} |
| 24.6 | 7.58^{1} | 1.37^{a} |
| MO 2-119 | B0.5 V | 11.74 ^c |
| LS 1269 | O8.5 V | 10.85^{d} |

Notes. The top panel shows likely members of Pismis 11. The bottom panel displays stars outside the clusters.

Table 6: Table with references

| SN name | Epoch | Bands |
|---------|------------------------------------|-------|
| | (with respect to <i>B</i> maximum) | |
| 1981B | 0 | UBV |
| 1990N | 2, 7 | UBVRI |
| 1991M | 3 | VRI |
| | SNe 91bg-like | |
| 1991bg | 1, 2 | BVRI |
| 1999by | -5, -4, -3, 3, 4, 5 | UBVRI |
| | SNe 91T-like | |
| 1991T | -3, 0 | UBVRI |
| 2000cx | -3, -2, 0, 1, 5 | UBVRI |
| | | |

References. (1) Zheng (1997); (2) Mizuno (1980); (3) Balluch (1988); (4) Cox (1980); (5) Cox (1969); (6) Tscharnuter (1987); (7) Terlevich (1992); (8) Yorke (1980a).

6. Conclusions

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Acknowledgements. Part of this work was supported by ESO, project number Ts 17/2-1.

References

Baker, N. 1966, in Stellar Evolution, ed. R. F. Stein,& A. G. W. Cameron (Plenum, New York) 333

Balluch, M. 1988, A&A, 200, 58

Cox, J. P. 1980, Theory of Stellar Pulsation (Princeton University Press, Princeton) 165

Cox, A. N., & Stewart, J. N. 1969, Academia Nauk, Scientific Information 15, 1 Mizuno H. 1980, Prog. Theor. Phys., 64, 544

Tscharnuter W. M. 1987, A&A, 188, 55

Terlevich, R. 1992, in ASP Conf. Ser. 31, Relationships between Active Galactic Nuclei and Starburst Galaxies, ed. A. V. Filippenko, 13

Yorke, H. W. 1980a, A&A, 86, 286

Zheng, W., Davidsen, A. F., Tytler, D. & Kriss, G. A. 1997, preprint

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⁽a) Photometry for MF13, LS 1267 and HD 80077 from Dupont et al. (b) Photometry for LS 1262, LS 1269 from Durand et al. (c) Photometry for MO2-119 from Mathieu et al.

Appendix A: Wide tables and figures after an appendix title: recommended method

In the PDF output, floats should be placed under their own appendix, not before the title, nor after the title of the next appendix. In short appendices, one-column floats {figure*} or {table*} will generate a blank page. To prevent this behaviour, we recommend to switch to \onecolumn and set the [h!] parameter in your floats: please check the LATEX code of this appendix.

In case you have a lot of floating objects for little text and the LATEXengine moves the floats away from their context, the command \FloatBarrier of the placeins package will empty the float buffer and place all stored floats in the continuity. If you still encounter problems with wide floats placement, just use the \onecolumn environment throughout the appendices.

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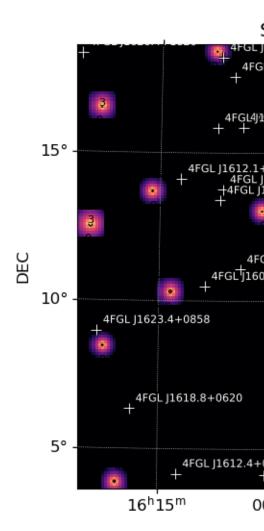


Fig. A.1: A one-column {figure*}[h!] after a section title. If text follows like below, it is easier to finish the section in \onecolumn. If needed, you may revert to \twocolumn when reaching the next page.

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Article number, page 8

Appendix B: Wide tables and figures after an appendix title: alternate method

To prevent a blank page, a second method is to insert the appendix title \underline{after} declaring the onecolumn float. This method should be reserved to appendices containing only one-column floats{figure*} or {table*} and no text.

Table B.1: A one-column {table*}

| SO-L1551 F _{6.7} [mJy] $\alpha_{6.7-14.3}$ YSO type ^a Status Comments | | | | | | |
|---|-----------|------------------|----------|-----------------------|--------|--------------------|
| 1 1.56 ± 0.47 | ISO-L1551 | $F_{6.7}$ [mJy] | | YSO type ^d | Status | Comments |
| 2 | | | New YS | | | |
| 3 | | | _ | | | Mid |
| 5 1.44 ± 0.33 1.88 Class II | | | | | | |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | | | | • | | |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | 1.88 | | | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | _ | | | Mid |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 2 | | | | New | |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | | 4.95 ± 0.68 | | | New | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 5 | 1.44 ± 0.33 | 1.88 | Class II | New | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | 1.56 ± 0.47 | _ | Class Π^c | New | Mid |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | 0.79: | | Class II ? | New | |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | 4.95 ± 0.68 | | Class II / III | New | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | 1.44 ± 0.33 | 1.88 | | New | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | 1.56 ± 0.47 | _ | Class II ^c | New | Mid |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 2 | 0.79: | | Class II ? | New | |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 3 | 4.95 ± 0.68 | | Class II / III | | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | 1.44 ± 0.33 | 1.88 | Class II | New | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | 0.79: | | Class II ? | New | |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | 4.95 ± 0.68 | 3.18 | | New | |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 5 | 1.44 ± 0.33 | 1.88 | Class II | New | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | 1.56 ± 0.47 | _ | Class II ^c | New | Mid |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | 0.79: | 0.97: | Class II ? | New | |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | 4.95 ± 0.68 | 3.18 | Class II / III | New | |
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ | 5 | 1.44 ± 0.33 | 1.88 | Class II | New | |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | 1.56 ± 0.47 | _ | Class Π^c | New | Mid |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | 0.79: | 0.97: | Class II ? | New | |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | 4.95 ± 0.68 | 3.18 | Class II / III | New | |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 5 | 1.44 ± 0.33 | 1.88 | Class II | New | |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 1 | 1.56 ± 0.47 | _ | Class Π^c | New | Mid |
| | 2 | 0.79: | 0.97: | Class II ? | New | |
| | 3 | 4.95 ± 0.68 | | | New | |
| 61 0.89 ± 0.58 1.77 Class I HH 30 Circumstellar disk | 5 | 1.44 ± 0.33 | | | New | |
| 61 0.89 ± 0.58 1.77 Class I HH 30 Circumstellar disk | | | Previous | ly known YSOs | | |
| | 61 | 0.89 ± 0.58 | | | | Circumstellar disk |
| | 96 | 38.34 ± 0.71 | 37.5 | Class II | | Spectral type |

Appendix C: Long tables in appendices

For long tables (multipage) in appendices, we use the method described in appendix A. For long landscape tables, please refer to Appendix E.

Table C.1: A long table

| Catalogue | M_V | Spectral | Distance | Mode | Count Rate |
|--------------------|--------------|--------------|----------|------|------------|
| Gl 33 | 6.37 | K2 V | 7.46 | S | 0.043170 |
| Gl 66AB | 6.26 | K2 V | 8.15 | Š | 0.260478 |
| Gl 68 | 5.87 | K1 V | 7.47 | P | 0.026610 |
| G1 00 | 3.07 | IXI V | 7.47 | H | 0.008686 |
| C1 0 C 1 | <i>5</i> .00 | 170 17 | 10.01 | | |
| Gl 86 ¹ | 5.92 | K0 V | 10.91 | S | 0.058230 |
| | 5.92 | K0 V | 10.91 | S | 0.058230 |
| Gl 33 | 6.37 | K2 V | 7.46 | S | 0.043170 |
| Gl 66AB | 6.26 | K2 V | 8.15 | S | 0.260478 |
| Gl 68 | 5.87 | K1 V | 7.47 | P | 0.026610 |
| | | | | Н | 0.008686 |
| Gl 86 | 5.92 | K0 V | 10.91 | S | 0.058230 |
| | 5.92 | K0 V | 10.91 | S | 0.058230 |
| Gl 33 | 6.37 | K2 V | 7.46 | Š | 0.043170 |
| Gl 66AB | 6.26 | K2 V | 8.15 | S | 0.260478 |
| Gl 68 | 5.87 | K2 V K1 V | 7.47 | P | 0.026610 |
| GI 06 | 3.67 | IX1 V | 7.47 | | |
| C1 06 | <i>5</i> .00 | 170 17 | 10.01 | Н | 0.008686 |
| Gl 86 | 5.92 | K0 V | 10.91 | S | 0.058230 |
| | 5.92 | K0 V | 10.91 | S | 0.058230 |
| Gl 33 | 6.37 | K2 V | 7.46 | S | 0.043170 |
| Gl 66AB | 6.26 | K2 V | 8.15 | S | 0.260478 |
| Gl 68 | 5.87 | K1 V | 7.47 | P | 0.026610 |
| | | | | Н | 0.008686 |
| Gl 86 | 5.92 | K0 V | 10.91 | S | 0.058230 |
| | 5.92 | K0 V | 10.91 | S | 0.058230 |
| Gl 33 | 6.37 | K2 V | 7.46 | S | 0.043170 |
| Gl 66AB | 6.26 | K2 V | 8.15 | S | 0.260478 |
| Gl 68 | 5.87 | K2 V K1 V | 7.47 | P | 0.026610 |
| GI 06 | 3.67 | IX1 V | 7.47 | | |
| C1.06 | <i>5</i> 00 | 170 17 | 10.01 | Н | 0.008686 |
| Gl 86 | 5.92 | K0 V | 10.91 | S | 0.058230 |
| ~ | 5.92 | K0 V | 10.91 | S | 0.058230 |
| Gl 33 | 6.37 | K2 V | 7.46 | S | 0.043170 |
| Gl 66AB | 6.26 | K2 V | 8.15 | S | 0.260478 |
| Gl 68 | 5.87 | K1 V | 7.47 | P | 0.026610 |
| | | | | Н | 0.008686 |
| Gl 86 | 5.92 | K0 V | 10.91 | S | 0.058230 |
| | 5.92 | K0 V | 10.91 | S | 0.058230 |
| Gl 33 | 6.37 | K2 V | 7.46 | S | 0.043170 |
| Gl 66AB | 6.26 | K2 V | 8.15 | S | 0.260478 |
| Gl 68 | 5.87 | K1 V | 7.47 | P | 0.026610 |
| G1 00 | 5.07 | 1X1 V | 7.47 | H | 0.008686 |
| Gl 86 | 5.92 | K0 V | 10.91 | S | 0.058230 |
| G1 60 | | | | | |
| G1 22 | 5.92 | K0 V | 10.91 | S | 0.058230 |
| Gl 33 | 6.37 | K2 V | 7.46 | S | 0.043170 |
| Gl 66AB | 6.26 | K2 V | 8.15 | S | 0.260478 |
| Gl 68 | 5.87 | K1 V | 7.47 | P | 0.026610 |
| | | | | Н | 0.008686 |
| Gl 86 | 5.92 | K0 V | 10.91 | S | 0.058230 |
| | 5.92 | K0 V | 10.91 | S | 0.058230 |
| Gl 33 | 6.37 | K2 V | 7.46 | S | 0.043170 |
| Gl 66AB | 6.26 | K2 V | 8.15 | S | 0.260478 |
| Gl 68 | 5.87 | K1 V | 7.47 | P | 0.026610 |
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| Gl 86 | 5.92 | K0 V | 10.91 | S | 0.058230 |
| 01 00 | 5.92 | K0 V K0 V | 10.91 | S | 0.058230 |
| | 5.94 | IXU V | 10.91 | 3 | 0.036230 |

 $[\]overline{\ }^{1}$ Source not included in the HRI catalog. See Sect. 5.4.2 for details.

Table C.1: continued.

| Catalogue M _V Spectral Distance Mode Count Rate GI 33 6.37 K2 V 7.46 S 0.043170 GI 66AB 6.26 K2 V 8.15 S 0.260478 GI 68 5.87 K1 V 7.47 P 0.026610 GI 86 5.92 K0 V 10.91 S 0.058230 GI 33 6.37 K2 V 7.46 S 0.043170 GI 66AB 6.26 K2 V 8.15 S 0.0260478 GI 68 5.87 K1 V 7.47 P 0.026610 H 0.008686 H 0.0088230 0.058230 GI 86 5.92 K0 V 10.91 S 0.058230 GI 33 6.37 K2 V 7.46 S 0.043170 GI 66AB 6.26 K2 V 8.15 S 0.260478 GI 68 5.87 K1 V 7.47 P 0.026610 H 0.008 | | | | | | |
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| GI 68 | | | | | | |
| Gl 86 | | | | | | |
| GI 86 | Gl 68 | 5.87 | K1 V | 7.47 | _ | |
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| Gl 33 6.37 K2 V 7.46 S 0.058230 Gl 66AB 6.26 K2 V 8.15 S 0.260478 Gl 68 5.87 K1 V 7.47 P 0.026610 H 0.008686 Gl 86 5.92 K0 V 10.91 S 0.058230 5.92 K0 V 10.91 S 0.058230 Gl 33 6.37 K2 V 7.46 S 0.043170 Gl 66AB 6.26 K2 V 8.15 S 0.260478 Gl 68 5.87 K1 V 7.47 P 0.026610 H 0.008686 | | | | | Н | 0.008686 |
| Gl 33 6.37 K2 V 7.46 S 0.043170 Gl 66AB 6.26 K2 V 8.15 S 0.260478 Gl 68 5.87 K1 V 7.47 P 0.026610 H 0.008686 Gl 86 5.92 K0 V 10.91 S 0.058230 5.92 K0 V 10.91 S 0.058230 Gl 33 6.37 K2 V 7.46 S 0.043170 Gl 66AB 6.26 K2 V 8.15 S 0.260478 Gl 68 5.87 K1 V 7.47 P 0.026610 H 0.008686 | Gl 86 | 5.92 | | | | 0.058230 |
| GI 66AB 6.26 K2 V 8.15 S 0.260478 GI 68 5.87 K1 V 7.47 P 0.026610 H 0.008686 GI 86 5.92 K0 V 10.91 S 0.058230 5.92 K0 V 10.91 S 0.058230 GI 33 6.37 K2 V 7.46 S 0.043170 GI 66AB 6.26 K2 V 8.15 S 0.260478 GI 68 5.87 K1 V 7.47 P 0.026610 H 0.008686 | | 5.92 | K0 V | 10.91 | | 0.058230 |
| Gl 68 5.87 K1 V 7.47 P 0.026610 H 0.008686 Gl 86 5.92 K0 V 10.91 S 0.058230 5.92 K0 V 10.91 S 0.058230 Gl 33 6.37 K2 V 7.46 S 0.043170 Gl 66AB 6.26 K2 V 8.15 S 0.260478 Gl 68 5.87 K1 V 7.47 P 0.026610 H 0.008686 | Gl 33 | 6.37 | K2 V | 7.46 | | 0.043170 |
| Gl 86 5.92 K0 V 10.91 S 0.058230 5.92 K0 V 10.91 S 0.058230 Gl 33 6.37 K2 V 7.46 S 0.043170 Gl 66AB 6.26 K2 V 8.15 S 0.260478 Gl 68 5.87 K1 V 7.47 P 0.026610 H 0.008686 | Gl 66AB | 6.26 | K2 V | 8.15 | S | 0.260478 |
| Gl 86 5.92 K0 V 10.91 S 0.058230 5.92 K0 V 10.91 S 0.058230 Gl 33 6.37 K2 V 7.46 S 0.043170 Gl 66AB 6.26 K2 V 8.15 S 0.260478 Gl 68 5.87 K1 V 7.47 P 0.026610 H 0.008686 | Gl 68 | 5.87 | K1 V | 7.47 | P | 0.026610 |
| G1 33 6.37 K2 V 7.46 S 0.058230 G1 66AB 6.26 K2 V 7.46 S 0.043170 G1 66AB 6.26 K2 V 8.15 S 0.260478 G1 68 5.87 K1 V 7.47 P 0.026610 H 0.008686 | | | | | Н | 0.008686 |
| Gl 33 6.37 K2 V 7.46 S 0.043170 Gl 66AB 6.26 K2 V 8.15 S 0.260478 Gl 68 5.87 K1 V 7.47 P 0.026610 H 0.008686 | Gl 86 | 5.92 | K0 V | 10.91 | | 0.058230 |
| Gl 66AB 6.26 K2 V 8.15 S 0.260478 Gl 68 5.87 K1 V 7.47 P 0.026610 H 0.008686 | | 5.92 | | 10.91 | S | 0.058230 |
| Gl 68 5.87 K1 V 7.47 P 0.026610 H 0.008686 | Gl 33 | 6.37 | K2 V | 7.46 | | 0.043170 |
| Н 0.008686 | Gl 66AB | 6.26 | K2 V | 8.15 | S | 0.260478 |
| | Gl 68 | 5.87 | K1 V | 7.47 | P | 0.026610 |
| Gl 86 5.92 K0 V 10.91 S 0.058230 | | | | | | |
| | Gl 86 | 5.92 | K0 V | 10.91 | S | 0.058230 |

Appendix D: Rotated single page tables

To prevent a blank page with {sidewaystable*}, we use the method described in appendix B: declare the table first, and the section second.

Table D.1: A rotated table with {sidewaystable*}

| () | | | 0 | , | |
|-----------|---------------------------|---------------------|------------------------------------|--------------|--------------------|
| ISO-L1551 | $F_{6.7} [\mathrm{mJy}]$ | $\alpha_{6.7-14.3}$ | YSO type ^{a} | Status | Comments |
| | | New YS | New YSO candidates | | |
| | 1.56 ± 0.47 | I | Class II ^c | New | Mid |
| 2 | 0.79: | 0.97: | Class II? | New | |
| 3 | 4.95 ± 0.68 | 3.18 | Class II / III | New | |
| 5 | 1.44 ± 0.33 | 1.88 | Class II | New | |
| | 1.56 ± 0.47 | 1 | Class Π^c | New | Mid |
| 2 | 0.79: | 0.97: | Class II? | New | |
| 3 | 4.95 ± 0.68 | 3.18 | Class II / III | New | |
| 5 | 1.44 ± 0.33 | 1.88 | Class II | New | |
| | 1.56 ± 0.47 | I | Class Π^c | New | Mid |
| 2 | 0.79: | 0.97: | Class II? | New | |
| B | 4.95 ± 0.68 | 3.18 | Class II / III | New | |
| 5 | 1.44 ± 0.33 | 1.88 | Class II | New | |
| | 1.56 ± 0.47 | 1 | Class Π^c | New | Mid |
| 2 | 0.79: | 0.97: | Class II? | New | |
| 3 | 4.95 ± 0.68 | 3.18 | Class II / III | New | |
| 5 | 1.44 ± 0.33 | 1.88 | Class II | New | |
| | 1.56 ± 0.47 | 1 | Class Π^c | New | Mid |
| 2 | 0.79: | 0.97: | Class II? | New | |
| 8 | 4.95 ± 0.68 | 3.18 | Class II / III | New | |
| 5 | 1.44 ± 0.33 | 1.88 | Class II | New | |
| | 1.56 ± 0.47 | I | Class Π^c | New | Mid |
| 2 | 0.79: | 0.97: | Class II? | New | |
| 8 | 4.95 ± 0.68 | 3.18 | Class II / III | New | |
| 5 | 1.44 ± 0.33 | 1.88 | Class II | New | |
| 1 | 1.56 ± 0.47 | I | Class Π^c | New | Mid |
| 2 | 0.79: | 0.97: | Class II? | New | |
| 3 | 4.95 ± 0.68 | 3.18 | Class II / III | New | |
| S | 1.44 ± 0.33 | 1.88 | Class II | New | |
| | | Previous | Previously known YSOs | | |
| 61 | 0.89 ± 0.58 | 1.77 | Class I | HH 30 | Circumstellar disk |
| 96 | 38.34 ± 0.71 | 37.5 | Class II | MHO 5 | Spectral type |
| | | | | | 7,4 |

Appendix E: Rotated long tables in appendices

For rotated long tables in appendices, we use the method described in appendix A, combined with {landscape}.

Table E.1: A long landscape table

| Count Rate | 0.043170 | 0.260478 | 0.026610 | 0.008686 | 0.058230 | 0.043170 | 0.260478 | 0.026610 | 0.008686 | 0.058230 | 0.043170 | 0.260478 | 0.026610 | 0.008686 | 0.058230 | 0.043170 | 0.260478 | 0.026610 | 0.008686 | 0.058230 | 0.043170 | 0.260478 | 0.026610 | 0.008686 | 0.058230 | 0.043170 | 0.260478 | 0.026610 | 0.008686 | 0.058230 | 0.043170 | 0.260478 | 0.026610 | 0.008686 | 0.058230 | 0.043170 | 0.260478 | 0.026610 | 0.008686 |
|------------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Mode | S | S | Ь | Η | S | S | S | Ь | Η | S | S | S | Ъ | Η | S | S | S | Ь | Η | S | S | S | Ь | Η | S | S | S | Ь | Η | S | S | S | Ь | Η | S | S | S | Ь | Н |
| Distance | 7.46 | 8.15 | 7.47 | | 10.91 | 7.46 | 8.15 | 7.47 | | 10.91 | 7.46 | 8.15 | 7.47 | | 10.91 | 7.46 | 8.15 | 7.47 | | 10.91 | 7.46 | 8.15 | 7.47 | | 10.91 | 7.46 | 8.15 | 7.47 | | 10.91 | 7.46 | 8.15 | 7.47 | | 10.91 | 7.46 | 8.15 | 7.47 | |
| Spectral | | K2 V | K1 V | | | K2 V | _ 、 | K1 V | | K0 V | | | KI V | | K0 V | | | | | | K2 V | K2 V | | | | | K2 V | | | K0 V | | K2 V | | | | K2 V | | | |
| M_V | 6.37 | 6.26 | 5.87 | | 5.92 | 6.37 | 6.26 | 5.87 | | 5.92 | 6.37 | 6.26 | 2.87 | | 5.92 | 6.37 | 6.26 | 5.87 | | 5.92 | 6.37 | 6.26 | 5.87 | | 5.92 | 6.37 | 6.26 | 5.87 | | 5.92 | 6.37 | 6.26 | 5.87 | | 5.92 | 6.37 | 6.26 | 5.87 | |
| Catalogue | GI 33 | Gl 66AB | GI 68 | | $GI 86^2$ | GI 33 | GI 66AB | GI 68 | | GI 86 | GI 33 | GI 66AB | CI 68 | | | GI 33 | GI 66AB | GI 68 | | GI 86 | GI 33 | GI 66AB | GI 68 | | 98 ID | GI 33 | Gl 66AB | CI 68 | | | | | CI 68 | | 98 IS | GI 33 | Gl 66AB | 89 ID | |

² Source not included in the HRI catalog. See Sect. 5.4.2 for details.

Table E.1: continued.

| Count Rate | 0.058230 | 0.043170 | 0.260478 | 0.026610 | 0.008686 | 0.058230 | 0.043170 | 0.260478 | 0.026610 | 0.008686 | 0.058230 | 0.043170 | 0.260478 | 0.026610 | 0.008686 | 0.058230 | 0.043170 | 0.260478 | 0.026610 | 0.008686 | 0.058230 | 0.043170 | 0.260478 | 0.026610 | 0.008686 | 0.058230 | 0.043170 | 0.260478 | 0.026610 | 0.008686 | 0.058230 |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Mode | S | S | S | Ь | Η | S | S | S | Ь | Η | S | S | S | Ь | Η | S | S | S | Ь | Η | S | S | S | Ь | Η | S | S | S | Ь | Н | S |
| Distance | 10.91 | 7.46 | 8.15 | 7.47 | | 10.91 | 7.46 | 8.15 | 7.47 | | 10.91 | 7.46 | 8.15 | 7.47 | | 10.91 | 7.46 | 8.15 | 7.47 | | 10.91 | 7.46 | 8.15 | 7.47 | | 10.91 | 7.46 | 8.15 | 7.47 | | 10.91 |
| Spectral | K0 V | K2 V | K2 V | K1 V | | K0 V | K2 V | K2 V | K1 V | | K0 V | K2 V | , | K1 V | | • | K2 V | K2 V | K1 V | | K0 V | K2 V | K2 V | K1 V | | K0 V | | K2 V | K1 V | | K0 V |
| M_V | 5.92 | 6.37 | 6.26 | 5.87 | | 5.92 | 6.37 | 6.26 | 5.87 | | 5.92 | 6.37 | 6.26 | 5.87 | | 5.92 | 6.37 | 6.26 | 5.87 | | 5.92 | 6.37 | 6.26 | 5.87 | | 5.92 | 6.37 | | 5.87 | | 5.92 |
| Catalogue | GI 86 | GI 33 | Gl 66AB | Gl 68 | | GI 86 | GI 33 | GI 66AB | GI 68 | | | GI 33 | Gl 66AB | GI 68 | | | GI 33 | Gl 66AB | GI 68 | | | Gl 33 | | GI 68 | | | GI 33 | | GI 68 | | 98 ID |

Table 2: A long table using the longtab environment

| Catalogue | M_V | Spectral | Distance | Mode | Count Rate |
|--------------------|--------------|--------------|----------|--------|------------|
| Gl 33 | 6.37 | K2 V | 7.46 | S | 0.043170 |
| Gl 66AB | 6.26 | K2 V | 8.15 | S | 0.260478 |
| Gl 68 | 5.87 | K1 V | 7.47 | P | 0.026610 |
| | | | | Н | 0.008686 |
| Gl 86 ³ | 5.92 | K0 V | 10.91 | S | 0.058230 |
| | 5.92 | K0 V | 10.91 | S | 0.058230 |
| Gl 33 | 6.37 | K2 V | 7.46 | S | 0.043170 |
| Gl 66AB | 6.26 | K2 V | 8.15 | Š | 0.260478 |
| Gl 68 | 5.87 | K1 V | 7.47 | P | 0.026610 |
| G1 00 | 5.07 | 111 , | ,, | H | 0.008686 |
| Gl 86 | 5.92 | K0 V | 10.91 | S | 0.058230 |
| G1 00 | 5.92 | K0 V | 10.91 | S | 0.058230 |
| Gl 33 | 6.37 | K0 V K2 V | 7.46 | S | 0.036230 |
| Gl 66AB | 6.26 | K2 V K2 V | 8.15 | S | 0.260478 |
| | | K2 V K1 V | 7.47 | S P | |
| Gl 68 | 5.87 | K1 V | 7.47 | | 0.026610 |
| C1 0.6 | 5 0 2 | T70 T7 | 10.01 | Н | 0.008686 |
| Gl 86 | 5.92 | K0 V | 10.91 | S | 0.058230 |
| | 5.92 | K0 V | 10.91 | S | 0.058230 |
| Gl 33 | 6.37 | K2 V | 7.46 | S | 0.043170 |
| Gl 66AB | 6.26 | K2 V | 8.15 | S | 0.260478 |
| Gl 68 | 5.87 | K1 V | 7.47 | P | 0.026610 |
| | | | | Н | 0.008686 |
| Gl 86 | 5.92 | K0 V | 10.91 | S | 0.058230 |
| | 5.92 | K0 V | 10.91 | S | 0.058230 |
| Gl 33 | 6.37 | K2 V | 7.46 | S | 0.043170 |
| Gl 66AB | 6.26 | K2 V | 8.15 | S | 0.260478 |
| Gl 68 | 5.87 | K1 V | 7.47 | P | 0.026610 |
| | | | | Н | 0.008686 |
| Gl 86 | 5.92 | K0 V | 10.91 | S | 0.058230 |
| 0100 | 5.92 | K0 V | 10.91 | S | 0.058230 |
| Gl 33 | 6.37 | K2 V | 7.46 | S | 0.043170 |
| Gl 66AB | 6.26 | K2 V | 8.15 | S | 0.260478 |
| Gl 68 | 5.87 | K2 V K1 V | 7.47 | P | 0.026610 |
| G1 00 | 3.67 | IX1 V | 7.47 | Н | 0.020010 |
| Gl 86 | 5.92 | K0 V | 10.91 | S | 0.058230 |
| 01 80 | 5.92 | K0 V K0 V | 10.91 | S | 0.038230 |
| C1 22 | | | | S | |
| Gl 33 | 6.37 | K2 V | 7.46 | | 0.043170 |
| Gl 66AB | 6.26 | K2 V | 8.15 | S | 0.260478 |
| Gl 68 | 5.87 | K1 V | 7.47 | P | 0.026610 |
| G1 0.6 | 7 00 | **** | 10.01 | Н | 0.008686 |
| Gl 86 | 5.92 | K0 V | 10.91 | S | 0.058230 |
| | 5.92 | K0 V | 10.91 | S | 0.058230 |
| Gl 33 | 6.37 | K2 V | 7.46 | S | 0.043170 |
| Gl 66AB | 6.26 | K2 V | 8.15 | S | 0.260478 |
| Gl 68 | 5.87 | K1 V | 7.47 | P | 0.026610 |
| | | | | Н | 0.008686 |
| Gl 86 | 5.92 | K0 V | 10.91 | S | 0.058230 |
| | 5.92 | K0 V | 10.91 | S | 0.058230 |
| Gl 33 | 6.37 | K2 V | 7.46 | S | 0.043170 |
| Gl 66AB | 6.26 | K2 V | 8.15 | S | 0.260478 |
| Gl 68 | 5.87 | K1 V | 7.47 | P | 0.026610 |
| | , | ' | | H | 0.008686 |
| Gl 86 | 5.92 | K0 V | 10.91 | S | 0.058230 |
| O1 00 | 5.92 | K0 V | 10.91 | S | 0.058230 |
| Gl 33 | 6.37 | KO V K2 V | 7.46 | S | 0.038230 |
| Gl 66AB | 6.26 | K2 V K2 V | 8.15 | S | 0.043170 |
| (*I 66 A R | | | | | |

 $[\]overline{\ \ }^3$ Source not included in the HRI catalog. See Sect. 5.4.2 for details.

Table 2: continued.

| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | Count Rate 0.026610 0.008686 0.058230 0.058230 0.043170 0.260478 0.026610 0.008686 0.058230 0.043170 0.260478 0.026610 0.008686 0.058230 |
|--|--|
| Gl 86 | 0.008686 0.058230 0.058230 0.043170 0.260478 0.026610 0.008686 0.058230 0.043170 0.260478 0.026610 0.008686 0.058230 |
| Gl 86 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S Gl 66AB 6.26 K2 V 8.15 S Gl 68 5.87 K1 V 7.47 P Gl 86 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S Gl 66AB 6.26 K2 V 8.15 S Gl 68 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S Gl 66AB 6.26 K2 V 8.15 S Gl 68 5.87 K1 V 7.47 P H Gl 86 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S Gl 66AB 6.26 K2 V 8.15 S Gl 68 5.87 K1 V 7.47 P H Gl 86 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S Gl 66AB 6.26 K2 V 8.15 S Gl 68 5.87 K1 V 7.47 P H Gl 86 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S Gl 66AB 6.26 K2 V 8.15 S Gl 68 5.87 K1 V 7.47 P H Gl 86 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S Gl 68 5.87 K1 V 7.47 P Gl 86 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S | 0.058230 0.058230 0.043170 0.260478 0.026610 0.008686 0.058230 0.058230 0.043170 0.260478 0.026610 0.008686 0.058230 |
| 5.92 K0 V 10.91 S GI 33 6.37 K2 V 7.46 S GI 66AB 6.26 K2 V 8.15 S GI 68 5.87 K1 V 7.47 P H H H H H GI 86 5.92 K0 V 10.91 S GI 33 6.37 K2 V 7.46 S GI 66AB 6.26 K2 V 8.15 S GI 68 5.87 K1 V 7.47 P H H H H H GI 33 6.37 K2 V 7.46 S GI 66AB 6.26 K2 V 8.15 S GI 66AB 6.26 K2 V 8.15 S GI 68 5.87 K1 V 7.46 S GI 68 5.87 K1 V 7.47 P H H H H H H GI 68 5.87 K1 V 7.47 P H H H H | 0.058230 0.043170 0.260478 0.026610 0.008686 0.058230 0.058230 0.043170 0.260478 0.026610 0.008686 0.058230 |
| GI 33 6.37 K2 V 7.46 S GI 66AB 6.26 K2 V 8.15 S GI 68 5.87 K1 V 7.47 P H GI 86 5.92 K0 V 10.91 S GI 33 6.37 K2 V 7.46 S GI 66AB 6.26 K2 V 8.15 S GI 68 5.87 K1 V 7.47 P H GI 86 5.92 K0 V 10.91 S GI 33 6.37 K2 V 7.46 S GI 68 5.87 K1 V 7.47 P H GI 86 5.92 K0 V 10.91 S GI 33 6.37 K2 V 7.46 S GI 66AB 6.26 K2 V 8.15 S GI 68 5.87 K1 V 7.47 P H GI 86 5.92 K0 V 10.91 S GI 33 6.37 K2 V 7.46 S GI 66AB 6.26 K2 V 8.15 S GI 68 5.87 K1 V 7.47 P H GI 86 5.92 K0 V 10.91 S GI 33 6.37 K2 V 7.46 S GI 68 5.92 K0 V 10.91 S GI 33 6.37 K2 V 7.47 P GI 86 5.92 K0 V 10.91 S GI 33 6.37 K2 V 7.46 S | 0.043170 0.260478 0.026610 0.008686 0.058230 0.058230 0.043170 0.260478 0.026610 0.008686 0.058230 |
| GI 66AB 6.26 K2 V 8.15 S GI 68 5.87 K1 V 7.47 P H GI 86 5.92 K0 V 10.91 S 5.92 K0 V 10.91 S GI 33 6.37 K2 V 7.46 S GI 66AB 6.26 K2 V 8.15 S GI 68 5.87 K1 V 7.47 P H GI 86 5.92 K0 V 10.91 S 5.92 K0 V 10.91 S GI 33 6.37 K2 V 7.46 S GI 66AB 6.26 K2 V 8.15 S GI 68 5.92 K0 V 10.91 S GI 33 6.37 K2 V 7.46 S GI 66AB 6.26 K2 V 8.15 S GI 68 5.87 K1 V 7.47 P H GI 86 5.92 K0 V 10.91 S GI 33 6.37 K2 V 7.47 P H GI 86 5.92 K0 V 10.91 S GI 33 6.37 K2 V 7.47 S GI 68 5.92 K0 V 10.91 S GI 33 6.37 K2 V 7.46 S | 0.260478 0.026610 0.008686 0.058230 0.058230 0.043170 0.260478 0.026610 0.008686 0.058230 |
| Gl 68 5.87 K1 V 7.47 P Gl 86 5.92 K0 V 10.91 S 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S Gl 66AB 6.26 K2 V 8.15 S Gl 68 5.87 K1 V 7.47 P Gl 86 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S Gl 68 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S Gl 66AB 6.26 K2 V 8.15 S Gl 68 5.92 K0 V 10.91 S Gl 68 5.87 K1 V 7.47 P H Gl 86 5.92 K0 V 10.91 S Gl 68 5.87 K1 V 7.47 P H Gl 86 5.92 K0 V 10.91 S Gl 86 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S | 0.026610 0.008686 0.058230 0.058230 0.043170 0.260478 0.026610 0.008686 0.058230 |
| GI 86 5.92 K0 V 10.91 S 5.92 K0 V 10.91 S GI 33 6.37 K2 V 7.46 S GI 66AB 6.26 K2 V 8.15 S GI 68 5.87 K1 V 7.47 P GI 86 5.92 K0 V 10.91 S 5.92 K0 V 10.91 S GI 33 6.37 K2 V 7.46 S GI 66AB 6.26 K2 V 8.15 S GI 68 5.92 K0 V 10.91 S GI 33 6.37 K2 V 7.46 S GI 66AB 6.26 K2 V 8.15 S GI 68 5.87 K1 V 7.47 P H GI 86 5.92 K0 V 10.91 S 5.92 K0 V 10.91 S GI 33 6.37 K2 V 7.46 S | 0.008686 0.058230 0.058230 0.043170 0.260478 0.026610 0.008686 0.058230 |
| GI 86 5.92 K0 V 10.91 S 5.92 K0 V 10.91 S GI 33 6.37 K2 V 7.46 S GI 66AB 6.26 K2 V 8.15 S GI 68 5.87 K1 V 7.47 P GI 86 5.92 K0 V 10.91 S 5.92 K0 V 10.91 S GI 33 6.37 K2 V 7.46 S GI 66AB 6.26 K2 V 8.15 S GI 68 5.87 K1 V 7.47 P H GI 86 5.92 K0 V 10.91 S GI 68 5.87 K1 V 7.47 P H GI 86 5.92 K0 V 10.91 S GI 33 6.37 K2 V 7.46 S GI 66AB 6.26 K2 V 8.15 S GI 68 5.87 K1 V 7.47 P H GI 86 5.92 K0 V 10.91 S 5.92 K0 V 10.91 S GI 33 6.37 K2 V 7.46 S | 0.058230 0.058230 0.043170 0.260478 0.026610 0.008686 0.058230 |
| 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S Gl 66AB 6.26 K2 V 8.15 S Gl 68 5.87 K1 V 7.47 P H | 0.058230 0.043170 0.260478 0.026610 0.008686 0.058230 |
| Gl 33 6.37 K2 V 7.46 S Gl 66AB 6.26 K2 V 8.15 S Gl 68 5.87 K1 V 7.47 P Gl 86 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S Gl 66AB 6.26 K2 V 8.15 S Gl 66AB 6.26 K2 V 8.15 S Gl 68 5.87 K1 V 7.47 P H Gl 86 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S Gl 68 5.87 K1 V 7.47 P H Gl 86 5.92 K0 V 10.91 S 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S | 0.043170 0.260478 0.026610 0.008686 0.058230 |
| Gl 66AB 6.26 K2 V 8.15 S Gl 68 5.87 K1 V 7.47 P H Gl 86 5.92 K0 V 10.91 S 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S Gl 66AB 6.26 K2 V 8.15 S Gl 68 5.87 K1 V 7.47 P H Gl 86 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S Gl 68 5.87 K1 V 7.47 P Gl 86 5.92 K0 V 10.91 S 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S | 0.260478 0.026610 0.008686 0.058230 |
| Gl 68 5.87 K1 V 7.47 P H Gl 86 5.92 K0 V 10.91 S 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S Gl 66AB 6.26 K2 V 8.15 S Gl 68 5.87 K1 V 7.47 P H Gl 86 5.92 K0 V 10.91 S 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S | 0.026610 0.008686 0.058230 |
| Gl 86 5.92 K0 V 10.91 S 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S Gl 66AB 6.26 K2 V 8.15 S Gl 68 5.87 K1 V 7.47 P Gl 86 5.92 K0 V 10.91 S 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S | 0.008686 0.058230 |
| Gl 86 5.92 K0 V 10.91 S 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S Gl 66AB 6.26 K2 V 8.15 S Gl 68 5.87 K1 V 7.47 P H Gl 86 5.92 K0 V 10.91 S 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S | 0.058230 |
| Gl 33 6.37 K2 V 7.46 S Gl 66AB 6.26 K2 V 8.15 S Gl 68 5.87 K1 V 7.47 P Gl 86 5.92 K0 V 10.91 S 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S | |
| Gl 33 6.37 K2 V 7.46 S Gl 66AB 6.26 K2 V 8.15 S Gl 68 5.87 K1 V 7.47 P H Gl 86 5.92 K0 V 10.91 S 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S | 0.058230 |
| Gl 66AB 6.26 K2 V 8.15 S Gl 68 5.87 K1 V 7.47 P Gl 86 5.92 K0 V 10.91 S 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S | 0.038230 |
| Gl 68 5.87 K1 V 7.47 P H Gl 86 5.92 K0 V 10.91 S 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S | 0.043170 |
| Gl 86 5.92 K0 V 10.91 S 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S | 0.200478 |
| Gl 86 5.92 K0 V 10.91 S 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S | 0.020010 |
| 5.92 K0 V 10.91 S Gl 33 6.37 K2 V 7.46 S | 0.008080 |
| Gl 33 6.37 K2 V 7.46 S | 0.058230 |
| | |
| C1.66AD 6.26 $V2.V$ 0.15 C | 0.043170 |
| GI 66AB 6.26 K2 V 8.15 S | 0.260478 |
| Gl 68 5.87 K1 V 7.47 P | 0.026610 |
| H C100 500 VOV 1001 C | 0.008686 |
| Gl 86 5.92 K0 V 10.91 S | 0.058230 |
| 5.92 K0 V 10.91 S | 0.058230 |
| GI 33 6.37 K2 V 7.46 S | 0.043170 |
| GI 66AB 6.26 K2 V 8.15 S | 0.260478 |
| Gl 68 5.87 K1 V 7.47 P | 0.026610 |
| Н | 0.008686 |
| Gl 86 5.92 K0 V 10.91 S | 0.058230 |
| 5.92 K0 V 10.91 S | 0.058230 |
| Gl 33 6.37 K2 V 7.46 S | 0.043170 |
| Gl 66AB 6.26 K2 V 8.15 S | 0.260478 |
| Gl 68 5.87 K1 V 7.47 P | 0.026610 |
| Н | |
| Gl 86 5.92 K0 V 10.91 S | 0.008686 0.058230 |

Table 3: A long landscape table using the longtab environment

| Catalogue | M_V | Spectral | Distance | Mode | Count Rate |
|--------------------|-------|----------|----------|------|------------|
| C1 33 | 6 37 | V CV | 7 16 | v | 0.043170 |
| OI 55 | 0.0 | | 04. | מ כ | 0.043170 |
| | 97.9 | | 8.15 | 2 | 0.260478 |
| GI 68 | 5.87 | K1 V | 7.47 | Ь | 0.026610 |
| | | | | Η | 0.008686 |
| GI 86 ⁴ | 5.92 | , | 10.91 | S | 0.058230 |
| | 6.37 | | 7.46 | S | 0.043170 |
| GI 66AB | 6.26 | K2 V | 8.15 | S | 0.260478 |
| | 5.87 | K1 V | 7.47 | Ь | 0.026610 |
| | | | | Η | 0.008686 |
| GI 86 | 5.92 | , | 10.91 | S | 0.058230 |
| | 6.37 | K2 V | 7.46 | S | 0.043170 |
| | 6.26 | | 8.15 | S | 0.260478 |
| | 5.87 | K1 V | 7.47 | Ь | 0.026610 |
| | | | | Η | 0.008686 |
| GI 86 | 5.92 | K0 V | 10.91 | S | 0.058230 |
| GI 33 | 6.37 | K2 V | 7.46 | S | 0.043170 |
| GI 66AB | 6.26 | K2 V | 8.15 | S | 0.260478 |
| GI 68 | 5.87 | K1 V | 7.47 | Ь | 0.026610 |
| | | | | Η | 0.008686 |
| GI 86 | 5.92 | K0 V | 10.91 | S | 0.058230 |
| GI 33 | 6.37 | K2 V | 7.46 | S | 0.043170 |
| Gl 66AB | 6.26 | K2 V | 8.15 | S | 0.260478 |
| GI 68 | 5.87 | | 7.47 | Ь | 0.026610 |
| | | | | Η | 0.008686 |
| GI 86 | 5.92 | | 10.91 | S | 0.058230 |
| | 6.37 | K2 V | 7.46 | S | 0.043170 |
| | 6.26 | | 8.15 | S | 0.260478 |
| GI 68 | 5.87 | | 7.47 | Ь | 0.026610 |
| | | | | Η | 0.008686 |
| | 5.92 | K0 V | 10.91 | S | 0.058230 |
| | 6.37 | | 7.46 | S | 0.043170 |
| Gl 66AB | 6.26 | K2 V | 8.15 | S | 0.260478 |
| GI 68 | 5.87 | | 7.47 | Ь | 0.026610 |
| | | | | Η | 0.008686 |
| | 5.92 | , | 10.91 | S | 0.058230 |
| GI 33 | 6.37 | | 7.46 | S | 0.043170 |
| | | K2 V | 8.15 | S | 0.260478 |
| CI 68 | 5.87 | | 7.47 | Ь | 0.026610 |
| | | | | Η | 0.008686 |
| | | | | | |

⁴ Source not included in the HRI catalog. See Sect. 5.4.2 for details.

Table 3: continued.

| Count Rate | 0.058230 | 0.043170 | 0.260478 | 0.026610 | 0.008686 | 0.058230 | 0.043170 | 0.260478 | 0.026610 | 0.008686 | 0.058230 | 0.043170 | 0.260478 | 0.026610 | 0.008686 | 0.058230 | 0.043170 | 0.260478 | 0.026610 | 0.008686 | 0.058230 | 0.043170 | 0.260478 | 0.026610 | 0.008686 | 0.058230 | 0.043170 | 0.260478 | 0.026610 | 9800 | 0.058230 |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------|----------|
| Mode | S | S | S | Ь | Η | S | S | S | Ь | Η | S | S | S | Ь | Η | S | S | S | Ь | Η | S | S | S | Ь | Η | S | S | S | Ь | Η | S |
| Distance | 10.91 | 7.46 | 8.15 | 7.47 | | 10.91 | 7.46 | 8.15 | 7.47 | | 10.91 | 7.46 | 8.15 | 7.47 | | 10.91 | 7.46 | 8.15 | 7.47 | | 10.91 | 7.46 | 8.15 | 7.47 | | 10.91 | 7.46 | 8.15 | 7.47 | | 10.91 |
| Spectral | K0 V | K2 V | K2 V | K1 V | | K0 V | K2 V | K2 V | K1 V | | | | K2 V | | | K0 V | K2 V | , | K1 V | | K0 V | K2 V | K2 V | K1 V | | K0 V | | K2 V | | | K0 V |
| M_V | 5.92 | 6.37 | 6.26 | 5.87 | | 5.92 | 6.37 | 6.26 | 5.87 | | 5.92 | 6.37 | 6.26 | 5.87 | | 5.92 | 6.37 | | 5.87 | | 5.92 | 6.37 | 6.26 | 5.87 | | 5.92 | 6.37 | 6.26 | 5.87 | | 5.92 |
| Catalogue | GI 86 | GI 33 | Gl 66AB | GI 68 | | GI 86 | GI 33 | Gl 66AB | GI 68 | | GI 86 | GI 33 | Gl 66AB | GI 68 | | | GI 33 | Gl 66AB | GI 68 | | Gl 86 | GI 33 | Gl 66AB | GI 68 | | GI 86 | GI 33 | Gl 66AB | GI 68 | | GI 86 |